

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/032090 A1

(51) International Patent Classification⁷: **H04L 29/06**

Borchen (DE). LITTMANN, Jorg [DE/DE]; Auf der Bleiche 6, 33129 Delbrück (DE).

(21) International Application Number:
PCT/EP2004/010021

(74) Agent: SIEMENS SHARED SERVICES; c/o Siemens AG, Mr. Horst Koenig, P.O. Box 22 1634, 80506 Munich (DE).

(22) International Filing Date:
7 September 2004 (07.09.2004)

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0322738.6 29 September 2003 (29.09.2003) GB

(71) Applicant (for all designated States except US):
SIEMENS AKTIENGESELLSCHAFT [DE/DE];
Wittelsbacherplatz 2, D-80333 Munich (DE).

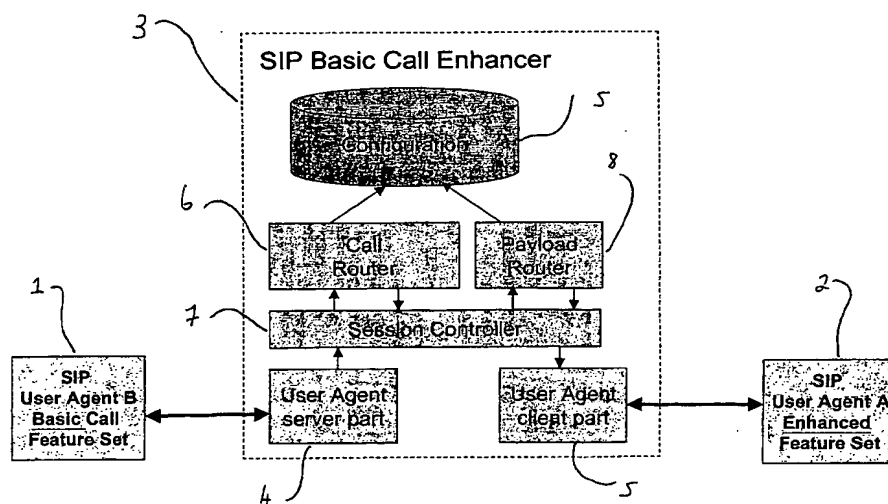
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HANNA, Thomas [DE/DE]; Tulpenweg 8, 32758 Detmold (DE). THIELE, Ingolf [DE/DE]; Horner Kirchweg 1, 59597 Erwitte (DE). KUNTE, Klaus-Josef [DE/DE]; Twete 15a, 33178

[Continued on next page]

(54) Title: NETWORK ENTITY FOR INTERCONNECTING SIP END-POINTS OF DIFFERENT CAPABILITIES



(57) Abstract: There is described a Session initiation Protocol (SIP) network entity (3) for operating in a communications channel between a first SIP end point (1) and a second SIP end point (2) in a communication network. The first SIP end point (1) has available a first set of communication features and the second SIP end point (2) has available a second set of communication features, including at least one communication feature, for example Music on Hold, that is unavailable to the first SIP end point (1). The network entity (3) comprises means for acting as a client application for the first SIP end point (1) and as a server application for the second SIP end point (2) and is arranged to exchange signalling information with the SIP end points to enable the second SIP end point (2) to utilise the at least one communication feature during communications with the first SIP end point (1).

BEST AVAILABLE COPY



Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.